



#10/1

SEQUENCE LISTING

<110> Rabbani, Elazar
Stavrianopoulos, Jannis G.
Donegan, James J.
Liu, Dakai
Kelker, Norman E.
Engelhardt, Dean L.

<120> NOVEL PROPERTY EFFECTING AND/OR PROPERTY EXHIBITING
COMPOSITIONS FOR THERAPEUTIC AND DIAGNOSTIC USE

<130> ENZ-53 (D5) .081299

<140> 08/978,637

<141> 1997-11-25

<160> 51

<170> PatentIn Ver. 2.0

<210> 1

<211> 20

<212> PRT

<213> Influenza virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 1

Gly Phe Phe Gly Ala Ile Ala Gly Phe Leu Glu Gly Gly Trp Glu Gly
1 5 10 15

Met Ile Ala Gly
20

<210> 2

<211> 20

<212> DNA

<213> Bacteriophage T7

<220>

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<400> 2

tgctctctaa gggctctactc

20

<210> 3
<211> 15
<212> DNA
<213> Simian virus 40

<220>
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<400> 3
ctctaaggta aatat 15

<210> 4
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<212> DNA
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<220>
<223> Description of Artificial Sequence:peptide

<400> 4
tgtatttttag attcaa 16

<210> 5
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<220>
<223> Description of Artificial Sequence:peptide

<400> 5
tgctctctaa ggtaaatat 19

<210> 6
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<220>
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<400> 6
tgtatttttag ggtctactc 19

<210> 7
<211> 19
<212> RNA
<213> Bacteriophage T7

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<223> Description of Artificial Sequence:peptide

<400> 7

ugcucucuaa gguaaaauau

19

<210> 8

<211> 19

<212> RNA

<213> Bacteriophage T7

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<400> 8

uguauuuuag ggucuacuc

19

<210> 9

<211> 20

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<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 9

ugcucucuaa gggucuacuc

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<210> 10

<211> 49

<212> DNA

<213> Bacteriophage T7

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<223> Description of Artificial Sequence:peptide

<400> 10

ggaattcgtc tcgagctctg atcaccacca tggacacgat taacatcgc

49

<210> 11

<211> 55

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 11
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 <210> 12
 <211> 46
 <212> DNA
 <213> Bacteriophage T7

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 <223> Description of Artificial Sequence:peptide

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 ggaattcgtc tcggagaaag gtaaaattct ctgacatcga actggc 46

 <210> 13
 <211> 33
 <212> DNA
 <213> Bacteriophage T7

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 <223> Description of Artificial Sequence:peptide

 <400> 13
 gactagtggc ctccccttag agagcatgtc agc 33

 <210> 14
 <211> 33
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 <400> 14
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 <210> 15
 <211> 27
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 <220>
 <223> Description of Artificial Sequence:peptide

 <400> 15
 gactagtcgt tacgcgaacg caaagtc 27

 <210> 16

<211> 36
 <212> DNA
 <213> Bacteriophage T7

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 <400> 16
 ggaattcgctc tctaaggtaa atataaaatt tttaag 36

 <210> 17
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 gactagtcgt ctctgaccct aaaatacaca aacaattaga 40

 <210> 18
 <211> 92
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 <223> Description of Artificial Sequence:peptide

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 ctctctcaaa aaagagacga gaccaactag tc 92

 <210> 19
 <211> 92
 <212> DNA
 <213> Bacteriophage T7

 <400> 19
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 catggtggta tgcagagctc gagacgaatt cc 92

 <210> 20
 <211> 73
 <212> DNA
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<223> Description of Artificial Sequence:OLIGO

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ctcctccaaa aaa 73

<210> 21

<211> 77

<212> DNA

<213> Bacteriophage T7

<220>

<223> Description of Artificial Sequence:peptide

<400> 21

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agctcgagac gaattcc 77

<210> 22

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial SequenceOLIGO

<400> 22

ggaattcgtc tcg 13

<210> 23

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:OLIGO

<400> 23

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<210> 24

<211> 17

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:OLIGO

<400> 24
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<210> 25
 <211> 29
 <212> DNA
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<400> 25
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<210> 26
 <211> 106
 <212> DNA
 <213> Artificial Sequence

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<210> 27
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<400> 27
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 atgttaatcg tgtccatggt ggtagtcaga gctcgagacg aattcc 106

<210> 28
 <211> 50
 <212> DNA
 <213> Bacteriophage T7

<220>
 <223> Description of Artificial Sequence:peptide

<400> 28
 atggacacga ttaacatcgc taagaacgac ttctctgaca tcgaactggc 50

<210> 29
<211> 50
<212> DNA
<213> Bacteriophage T7

<400> 29
gccagttcga tgtcagagaa gtcgttctta gcgatgttaa tcgtgtccat 50

<210> 30
<211> 77
<212> DNA
<213> Human immunodeficiency virus

<220>
<223> Description of Artificial Sequence:peptide

<400> 30
atggacacga ttaacatcgc taagaacgac actcctccaa aaaagagaaa ggtaaaattc 60
tctgacatcg aactggc 77

<210> 31
<211> 77
<212> DNA
<213> Bacteriophage T7

<400> 31
gccagttcga tgtcagagaa ttttaccttt ctcttttttg gaggagtgtc gttcttagcg 60
atgttaatcg tgtccat 77

<210> 32
<211> 69
<212> DNA
<213> Human immunodeficiency virus

<220>
<223> Description of Artificial Sequence:peptide

<400> 32
gatcattaga ccagatctga gcctgggagc tctctggcta actagggaac ccactgctta 60
agcctcaag 69

<210> 33
<211> 69
<212> DNA
<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 33

gaccccttgag gcttaagcag tgggttccct agttagccag agagctccca ggctcagatc 60
tggtctaataat 69

<210> 34

<211> 61

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

<400> 34

gacacacctta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
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<210> 35

<211> 61

<212> DNA

<213> Human immunodeficiency virus

<220>

<223> Description of Artificial Sequence:peptide

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<210> 36

<211> 62

<212> DNA

<213> Human immunodeficiency virus

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<223> Description of Artificial Sequence:peptide

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ag 62

<210> 37

<211> 62

<212> DNA

<213> Bacteriophage T7

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<223> Description of Artificial Sequence:peptide

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at 62

<210> 38

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 38

aatctagagc taacaaagcc cgaaaggaag 30

<210> 39

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:oligo

<400> 39

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<210> 40

<211> 70

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 40

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atgcagatct 70

<210> 41

<211> 70

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:oligo

<400> 41
ctagagatct gcatttaact agtatcgatg ggcccgctag ctccggacgt acggatcctt 60
aagccatggc 70

<210> 42
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
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<400> 42
catgaaatta attcgactca ctatacggg 29

<210> 43
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 43
tttaattaag ctgagtgata tgcctctag 29

<210> 44
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 44
gatccggatt gaggcttaag cagtgggttc cctagttagc cagagagctc ccaggctcag 60
atctggtcta at 72

<210> 45
<211> 72
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:oligo

<400> 45
ccggattaga ccagatctga gcctggggagc tctctggcta actagggaac ccactgctta 60

agcctcaatc cg

72

<210> 46

<211> 66

<212> DNA

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<220>

<223> Description of Artificial Sequence:oligo

<400> 46

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taaggt 66

<210> 47

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:oligo

<400> 47

ccggacctta ggctctccta tggcaggaag aagcggagac agcgacgaag acctcctcaa 60
ggtccg 66

<210> 48

<211> 65

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 48

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actat 65

<210> 49

<211> 65

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:oligo

<400> 49

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atccg

65

<210> 50

<211> 67

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:oligo

<400> 50

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gtattat 67

<210> 51

<211> 67

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:peptide

<400> 51

ccggataata cgactcacta tagggcgagc tcggtaccg ggtctagagt cgacctgcag 60
gcatgct 67